

HF 6583-u

to

HF-6592-g

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing Apparatus		3:19	3:40	
		3:34		
Serial Closing Apparatus		3:19	3:36	
		3:34		

11-5314

NOTES

Haul taken at anchor
Small dredging machine

First messenger down 3:19 P
second " " 3:34 P

Messenger failed to work on lower nets.

Psych. W #42 D16.6 78%
14.3

101 6

Long.

Знач

Sample:

✓

7-8

TEMPERATURES

Depth	Thermometer— Make and No.	Reading <i>Rev</i>	Stem Temp. <i>Aux</i>	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>Ptr 35755</i>	<i>15.85</i>		<i>—</i>	<i>(60.5)</i> <i>15.85</i>		
<i>10-m</i>	<i>#1</i>	<i>15.4</i>	<i>16.0</i>	<i>-0.05</i>	<i>15.35</i>		
	<i>#2</i>	<i>—</i>	<i>—</i>				
<i>30-m</i>	<i>#1</i>	<i>15.0</i>	<i>15.0</i>	<i>-0.1</i>	<i>14.90</i>		
	<i>#2</i>	<i>14.8</i>	<i>15.0</i>	<i>+0.05</i>	<i>14.85</i>		

CURRENTS

[illegible]

Transparency:

REMARKS:

11-5314

W H Blaker

Rec'd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial closing apparatus	10-m	3.54		
		4.09	4.10	
Serial closing apparatus	30-m	3.54		
		4.09	4.14	

11-5314

NOTES

Haul taken at anchor
Small dredging machine

First messenger down - 3 54
Second " " - 4 09

Psych. W ~~14.0~~ 14.1 DIS. 9 83%

Station No. *6583-w* Date: *June 22* 191*6*

Hour: *4.35* P. M. to *4:53* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito Id. Mex.*

Depth: *192m* Bottom: _____ Sample: _____

Wind: Direction, *NNW* Force, *2*

Sea: *8* Sky: *bc - 7-8*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading <i>Rev</i>	Stem Temp. <i>Ant</i>	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>Pt 35755</i>	<i>15.75</i>		<i>—</i>	<i>(60.35)</i> <i>15.75</i>		
<i>10-m</i>	<i>#1</i>	<i>15.2</i>	<i>15.7</i>	<i>-0.05</i>	<i>15.15</i>		
	<i>#2</i>	<i>15.2</i>	<i>15.5</i>	<i>-0.05</i>	<i>15.15</i>		
<i>30-m</i>	<i>#1</i>	<i>} Failed to operate</i>					
	<i>#2</i>				<i>—</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

W D Blaker
V. Arnkil - Rec'd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial closing apparatus	10-m	4:33		
		4:48	4:49	
Serial closing apparatus	30-m	4:33		
		4:48	4:53	

11-5314

NOTES

Haul taken at anchor
small dredging machine

First missing in down - 4:33 pm
Second " " - 4:48 pm

Tow net, time is for Serial closing apparatus.

Psych. W ~~14.0~~
14.1

D 17.0

73

Station No. *6583-x* Date: *June 22* 191*6*

Hour: *5.08* P. M. to *5.27* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito Id. Mex*

Depth: *193m* Bottom: _____ Sample: _____

Wind: Direction, *717110* Force, *2*

Sea: *S* Sky: *bc 7-8*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading <i>Rev</i>	Stem Temp. <i>Ans</i>	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>Pfr 35755</i>	<i>15.5</i>		<i>—</i>	<i>(59.9)</i> <i>15.5</i>		
<i>10-711</i>	<i>#1</i>	<i>15.2</i>	<i>15.3</i>	<i>-0.05</i>	<i>15.25</i>		
	<i>#2</i>	<i>15.4</i>	<i>15.5</i>	<i>-0.05</i>	<i>15.35</i>		
<i>30-711</i>	<i>#1</i>	<i>} Failed to operate.</i>					
	<i>#2</i>						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

W. B. Blakey
V. F. Fritchell Recd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial closing apparatus	10-m	5:08	5:24	
Serial closing apparatus	30-m	5:08	5:27	

11-5314

NOTES

Haul taken at anchor
Small dredging machine

First messenger down - 5:08
Second " " - 5:23

Tow net, time for Serial Closing Apparatus.

Psych. W ~~13.5~~ 13.6 D 16.0 77%

Station No. *A 6583-4* Date: *June 22* 191*6*

Hour: 7.02 P. M. to 7.22 P. M.

Position: Lat. _____ Long. _____

Locality: San Benito Island, Mexico

Depth: 19.5 m Bottom: Sample:

Wind: Direction, *NW* Force, *3*

Sea: 8 Sky: bcz 8

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Pfr 35755	15.4		—	(59.7) 15.4		
10m	#1.	15.4	15.0	+0.05	15.35		
	#2.	15.4	15.0	-0.05	15.35		
30m	#1.	15.1	15.0	-0.1	15.00		
	#2.	14.9	15.0	+0.05	14.95		

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11-5314

W W Blaker
Recorder

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing Apparatus	10 m	7.02		
		7.17	7.18	
" " " "	30 m	7.02		
		7.17	7.22	

11-5314

NOTES

Haul taken at anchor.
Sms dredging machine.

First Messenger down 7.02
Second " " 7.17

Tow net same time as closing app.

Time " 13.6 84.70

Station No. *H 6563-2* Date: *June 22* 191*6*

Hour: *7.32* A. M. to *7.52* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito Id. Mex*

Depth: *192m* Bottom: _____ Sample: _____

Wind: Direction, *W* Force, *3*

Sea: *8* Sky: *bcy - 8*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
		<i>XW - 6116</i>					
<i>Sur</i>	<i>PT 35755</i>	<i>15.4</i>		<i>-</i>	<i>15.4</i>		
		<i>15.3</i>	<i>15.0</i>	<i>-0.05</i>	<i>15.25</i>		
		<i>15.3</i>	<i>15.0</i>	<i>-0.05</i>	<i>15.25</i>		
		<i>14.9</i>	<i>15.0</i>	<i>-0.1</i>	<i>14.80</i>		
		<i>14.7</i>	<i>15.0</i>	<i>-0.05</i>	<i>14.75</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

11-5314

San Benito Id. Mex
Clear

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
11-5314	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	
	100	1:47	1:50	

NOTES

11-5314 - 100 fathoms
 Sample 100 fathoms

11-5314 - 100 fathoms
 Sample 100 fathoms

Psych. 11 $\frac{+2.0}{13.1}$ D 14.7 84% 10

Station No. 6583-aa Date: June 22 1916

Hour: 8.02 P. M. to 8.23 P. M.

Position: Lat. Long.

Locality: San Pedro

Depth: Bottom: Sample:

Wind: Direction, NW Force, 3

Sea: S Sky: 1-0

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
		59.5	14.1		59.5		
Surf	Pfr 35755	15.3		—	75.3		
10-711	#1	15.2	14.8	-0.05	15.15		
	2	15.7	14.8	-0.05	15.15		
		15.1		-0.1	14.9		
	2	14.8	15.0	+0.05	14.85		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

191

Hour: 8.33 P. M. to 8.53 P. M.

Position: Lat. _____ Long. _____

Locality: San Vicente, Isla, M.

Depth: Bottom: Sample:

Wind: Direction, *22 W* Force, *3*

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Pf 35755	15.3	14.6	-	(54.5) 15.3		
101		15.2	14.8	-0.05	15.15		
111		15.1	14.8	-0.1	14.4 X 2		prob. not covered
122		14.8	15.0	+0.05	14.85		

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

41 f. 1. 1. 1. 1. 1.

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
trial clo. app's				
" " "				

11-5314

NOTES

Have taken at anchor
small circular Mac Gills

First messenger clown - 9:01 pm
Second " " - 9:16 "

Town Net, 8 minutes as Cl. app's.

Psych. W $\frac{+3.1}{13.2}$ D 140 83%

Station No. 6583-dd Date: JUL 22 1916

Hour: 9:32 P. M. to 9:52 P. M.

Position: Lat. Long.

Locality: San Benito Id. Mexico.

Depth: Bottom: Sample:

Wind: Direction, NNW Force, 2

Sea: S Sky: 02-10

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	PT 317	15.2			54.5 12.3		
	R 1	15.2	14.7	+0.05	15.15		
	2	15.4	15.0				
		15.0		-0.1	14.90		
		14.2		+0.01	14.85		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

7.0

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Chasing				
Serial Chasing				
Tow net from trawl				

11-5314

NOTES

First on ussage down 9:32 pm.
 Second on ussage down 9:47

Psych. W ~~7.4~~ 13.0 D 11.6 83%

Station No. 6583 22 Date: June 22 1916

Hour: 10:00 P. M. to 10:20 P. M.

Position: Lat. Long.

Locality: San Benito Id. Mex.

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: bcy - 6

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur	PT 35755	15.21		—	57.4 15.21		
10 m	H 1	15.3	15.0	-0.05 -0.05	15.25 15.25		
30 m	H 1 H 2	15.1 14.9	14.7 14.5	-0.1 +0.05	15.0 14.95		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Station No. 6543-10 Date: June 26 1916

Hour: 10:45 A.M. to 11:05 A.M.

Position: Lat. Long.

Locality: San Benito Id., Mexico

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: bcs - 6

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
					(59.2)		
	PT 777	15.10 15.1	(at 10:45) (at 11:00)		15.1 (59.2) 15.10		
0m	81	15.2 15.2	14.6 14.8	-0.05 -0.05	15.15 15.25		
30m	81 43	15.2 14.9	14.7 14.5	-0.1 +0.05	15.10 14.95		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

U. Frankel - 10

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing	10m	10:45		
		11:00		
		11:45		
		11:00		

11-5314

NOTES

Haul taken at anchor.

$10 \frac{1}{2}$ m. 11 72.6 12.7 83%
 $11 \frac{1}{2}$ m. " 12.8 84%

Station No.

Date:

191

Hour: 11:15 P. M. to 11:35 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mex

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: bcs - 6

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	PTK 35755	15.15		-	15.15		
1000		15.1		-0.05	15.15		
		15.1		-0.05	15.15		
2000		15.2		-0.1	15.10		
		15.1		+0.05	15.05		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Small fish	1000	12.5	12.1	
Small fish	1000	12.5	12.1	
Small fish	1000	12.5	12.1	
Small fish	1000	12.5	12.1	

11-5314

NOTES

Small fish 12.5 12.1 83%

Station No. 6583-HH Date: June 23 1916

Hour: 1:30 P. M. to 1:55 P. M.

Position: Lat. _____ Long. _____

Locality: San Bonito Id., Mexico

Depth: Bottom: Sample:

Wind: Direction, *111 111* - Force,

Sea: 3 Sky: bc 9

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	PT 35755	15.9°		—	15.9 60.8		
10m	P. 1.	15.6°	16.2°	-0.05	15.55		
	P. 1.	15.6	16.2	-0.1	15.50		
	P. 1.	15.4	16.5	+0.05	15.45		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing Appaloatus	10.00	1:30	1:46	
Serial Closing		1:30	1:45	
Tow net, same time				

11-5014

NOTES

1st messenger down 1:30 PM
 2nd messenger down 1:45 PM

Depth 10.00 14.6 D 17.2 76%

Station No. 6583-i-i Date: June 23 1916

Hour: . M. to . M.

Position: Lat. Long.

Locality: San Pedro de Macoris

Depth: Bottom: Sample:

Wind: Direction, N.W. Force, 2

Sea: S. Sky: bc 9

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	PT 35755	15.9°		—	15.9°		
100	1	15.8°	16.0°	-0.05	15.75°		
200	1	15.5°	16.1°	-0.1	15.40°		
300	1	15.3°	16.5°	+0.05	15.35°		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

San Pedro de Macoris

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
<i>Serial Closing</i>		<i>2:11</i>	<i>2:27</i>	

11-8314

NOTES

Small dredging machine.

*1st ... down 2:11 P.M.
2nd ... down 2:26 P.M.*

Power ... 14.6 ... 77%

Station No. *11553* Date: *June 23* 191*6*

Hour: *2:40* P. M. to *3:01* P. M.

Position: Lat. _____ Long. _____

Locality: *San Juan Id., Puerto Rico*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *W.N.W.* Force, *2*

Sea: *S* Sky: *bc.*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>PT 35755</i>	<i>15.9</i>		<i>—</i>	<i>15.9</i>		
<i>10.0 m.</i>	<i>#1</i>	<i>15.7°</i>	<i>15.0°</i>	<i>-0.05</i>	<i>15.65</i>		
	<i>#2</i>	<i>15.7</i>	<i>16.2°</i>	<i>-0.05</i>	<i>15.65</i>		
<i>30.0 m.</i>	<i>#1</i>	<i>—</i>	<i>—</i>				
	<i>#2</i>	<i>—</i>	<i>—</i>				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

W. H. Long
Recorder.

NETS, ETC., USED

DM

Description	Depth	TIME		Speed
		Down	Up	
<i>Level diving apparatus</i>	<i>10 M</i>	<i>2:40</i>	<i>2:57</i>	
<i>Level diving apparatus</i>	<i>80 M</i>	<i>3:00</i>	<i>3:01</i>	

11-5314

NOTES

Level diving at 10 meters.
Small diving apparatus.
Level diving at 80 meters.
Small diving apparatus.

14.3 76%

Station No. 11513-S-K Date: June 23 1916

Hour: 3:15 P.M. to 3:36 P.M.

Position: Lat. Long.

Locality: Line 1000 ft. S. of station

Depth: Bottom: Sample:

Wind: Direction, Q. N. W. Force, 2

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	PR35755	15.9°		-	15.9		
1000	#1	15.8°	15.8°	-0.05	15.75		
	#2	15.8°	15.7°	-0.05	15.75		
3076	#1	15.6°	15.9°	-0.11	15.50		
	#2	15.4°	15.2°	+0.05	15.45		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

11513-S-K
Recorded

NETS, ETC., USED

721

Description	Depth	TIME		Speed
		Down	Up	
Seine towing Appalatus	10-20	3:15:21		
Seine towing Appalatus	10-20	3:15:36		

11-5014

NOTES

Spent time at surface
Seine towing appalatus

1st Trawling net 3:15:21
2nd Trawling net 3:15:36

Spent (3³/₄) hr $\frac{77.5}{14.3}$ 16.5 79%

Station No. *H 6588-25* Date: *June 23* 191*6*

Hour: . M. to . M.

Position: Lat. Long.

Locality: *San Diego Bay*

Depth: Bottom: Sample:

Wind: Direction, *SW* Force, *2*

Sea: *S* Sky: *bc 9*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>PR 35755</i>	<i>15.8</i>		<i>-</i>	<i>15.8</i>		
<i>10.7M</i>	<i>#1</i>	<i>15.7</i>	<i>15.8</i>	<i>-0.05</i>	<i>15.65</i>		
	<i>#2</i>	<i>15.6</i>	<i>15.8</i>	<i>-0.05</i>	<i>15.55</i>		
<i>30.7M</i>	<i>#1</i>	<i>15.7</i>	<i>16.0</i>	<i>-0.1</i>	<i>15.60</i>		
	<i>#2</i>	<i>15.5</i>	<i>15.5</i>	<i>+0.05</i>	<i>15.55</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

W. B. ...
Rec'd ...

NETS, ETC., USED

P. 25

Description	Depth	TIME		Speed
		Down	Up	
10.7.11	10.7.11	3:46	4:12	
11.7.11	11.7.11	3:46		

11-5314

NOTES

Spec. taken at 10.7.11.
 Spec. taken at 11.7.11.

1st Specimen taken at 10.7.11
 2nd Specimen taken at 11.7.11

Weight 14.0 D. 3.0 79%

Station No. *H 6583-717* Date: *June 23* 191*6*

Hour: *4:13* P. M. to *4:33* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito Id., Mex*

Depth: *192m* Bottom: _____ Sample: _____

Wind: Direction, *N^o 74^o* Force, *2*

Sea: *0* Sky: *bc 9*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>PTT-35755</i>	<i>15.9</i>		<i>—</i>	<i>15.9</i>		
<i>7m</i>	<i>#1</i>	<i>15.9</i>	<i>15.9</i>	<i>-0.05</i>	<i>15.85</i>		
	<i>#2</i>	<i>15.9</i>	<i>15.9</i>	<i>-0.05</i>	<i>15.85</i>		
<i>30-7m</i>	<i>#1</i>	<i>—</i>	<i>—</i>	<i>} no reading.</i>			
	<i>#2</i>	<i>—</i>	<i>—</i>				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

W.D. Blaker
U.S.N. -

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
	10-20	4:28	4:28	
" " "	30-	4:33	4:33	

11-5314

NOTES

13,9

82%

Station No. *111* Date: *Nov 2* 191*6*

Hour: *4:41* P. M. to *5:02* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito Isl., Mex.*

Depth: *19.5m* Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: *S* Sky: *bc 9*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>PT 35755</i>	<i>15.9</i>		<i>-</i>	<i>15.9</i>		
<i>10-20</i>	<i>111</i>	<i>15.7</i>	<i>15.2</i>	<i>-0.05</i>	<i>15.85</i>		
	<i>111</i>	<i>15.9</i>	<i>15.2</i>	<i>-0.05</i>	<i>15.85</i>		
	<i>111</i>	<i>15.5</i>	<i>15.8</i>	<i>-0.1</i>	<i>15.40</i>		
	<i>111</i>	<i>15.3</i>	<i>15.5</i>	<i>+0.05</i>	<i>15.35</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Frith

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial obs. app's	10-7W	4:41 4:56	4:57	
" " "	30-7W	4:41 4:56	5:02	

11-5314

NOTES

Serial obs. app's
Serial obs. app's

at Messenger down - 4:41 }
" " " - 4:56 } pm

13.8 81%

Station No. 17 Date: 11/1/54

191(

Hour: 5:10 P. M. to 5:30 P. M.

Position: Lat. _____ Long. _____

Locality: San Benito Isl, Mex

Depth: 19 fms Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur.	Ptr 35755	15.85		—	15.85		
10m	#1.	15.8	15.3	-0.05	15.75		
	#2.	—	—				
30m	#1.	15.5	15.5	-0.1	15.40		
	#2.	15.3	15.4	+0.05	15.35		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

Artikel -

7. 2.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing Apparatus	10 m	5:10	5:25	
Serial Closing Apparatus	30 m	5:10	5:20	
For net some time				

11-5314

NOTES

Haul taken at anchor.
Small dredging machine.

1st messenger down 5:10
2d " " 5:25

W. T. S. 13.6 E 15.5 81%

Station No. 5450 Date: Dec 23 1916

Hour: 5.37 P. M. to 7.05 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico.

Depth: 195m Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: 8 Sky: cc

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Pfr 35755	15.9		—	(60.6) 15.9		
10		15.8		-0.05	15.75		
	#2	15.6	15.0	-0.05	15.75		
30m	#1	15.6	15.0	-0.1	15.50		
	#2	15.3	14.8	+0.05	15.75		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

W. R. Blake
Teacher

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing App.	10 m.	5:37 5:52	6:51	
" " " "	30 m.	5:37 5:52	7:05	
Tow net, same time.				

11-5314

NOTES

Serial Closing App. 10 m. 5:37 5:52 6:51

Serial Closing App. 30 m. 5:37 5:52 7:05

Serial Closing App. 10 m. 5:37 5:52 6:51
13.8 DISC 82%

191/

7.35 P.M.

Long.

Locality:

Sample:

Force.

Sky:

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	PT-35755	15.7		—	15.7	60.2	
10m	#1	15.8	15.5	-0.05	15.75		
		15.8	15.7	-0.05	15.75		
30m	#1	14.2	14.8	-0.1	14.10		
		13.9	14.5	+0.05	13.95		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Transparency:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
10-7m	10-7m	7.13		
" " "	30-7m	7.13	7.28	7.35

11-5314

NOTES

dredg. machine

10¹/₂ messenger down - 7.13
 24 " " - 7.28

13.5

7.5%

Station No. 661 Date: 191

Hour: 7.44 P. M. to 8.07 P. M.

Position: Lat. _____ Long. _____

Locality: San Benito Id., Mex.

Depth: 19 fms Bottom: Sample:

Wind: Direction, *W N W* Force, *2*

Sea: 4 Sky: 0-2

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
11		15.7		-	15.7		
15		15.7	14.7	-0.05	15.65		
	#1	15.7	14.7	-0.05	15.65		
	#1	13.7	14.9	-0.1	13.6		
30-M	#2	13.5	14.5	+0.0	13.50		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

W. H. Blair
Recd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
UU	10-11	7.11		
" " "	30-71	7.59	8.00	
" " "		7.44		
" " "		7.59	8.07	

11-5314

NOTES

Wind. dildg. machine

29 " " " - 7.59

13.6 85%

Station No. 1583-00 Date: 1911 2 2 191 1

Hour: 8.13 P. M. to 8.33 P. M.

Position: Lat. _____ Long. _____

Locality: off Cape Cod

Depth: 192m Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 2

Sea: S Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	<u>Pr 35755</u>	<u>15.7</u>		<u>—</u>	<u>15.7</u>	<u>20.26</u>	
	<u># 1</u>	<u>15.7</u>	<u>15.5</u>	<u>-0.05</u>	<u>15.75</u>		
	<u># 2</u>	<u>15.8</u>	<u>15.0</u>	<u>-0.05</u>	<u>15.75</u>		
	<u># 2</u>	<u>13.7</u>	<u>14.8</u>	<u>0</u>	<u>13.70</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
10-72	113	1.13		
30-72	143	1.27	1.43	

11-5311

NOTES

10-72 = 113
 30-72 = 143
 1.13
 1.27
 1.43
 13.5 84%

Station No. *2501* Date: *June 25* 191

Hour: *8:45* . M. to *9:00* . M.

Position: Lat. _____ Long. _____

Locality: *San Juan*

Depth: *19.7m* Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *2*

Sea: *6* Sky: *Cloudy*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>11.1</i>	<i>171-11</i>	<i>15.6</i>		<i>-</i>	<i>15.6</i>		
<i>12.3</i>		<i>15.2</i>	<i>14.2</i>	<i>-0.05</i>	<i>15.25</i>		
<i>17.2</i>	<i>#2</i>	<i>15.8</i>	<i>14.5</i>	<i>-0.05</i>	<i>15.75</i>		
<i>30-71</i>	<i>#1</i>	<i>14.3</i>	<i>15.0</i>	<i>-0.1</i>	<i>14.20</i>		
	<i>#2</i>	<i>14.0</i>	<i>14.7</i>	<i>+0.05</i>	<i>13.95</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

Smithsonian
Beck

Station No. *1157* Date: *June 1* 191*6*

Hour: *9:11* P. M. to *9:21* P. M.

Position: Lat. _____ Long. _____

Locality: *San Pedro Id., P.I.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *2*

Sea: *S* Sky: *3-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>PT 35755</i>	<i>15.7</i>			<i>50.26</i> <i>15.1</i>		
<i>10m</i>	<i>#1</i>	<i>15.7</i>	<i>14.9</i>	<i>-0.05</i>	<i>15.65</i>	<i>60.26</i>	
	<i>#2</i>	<i>15.8</i>	<i>14.8</i>	<i>-0.05</i>	<i>15.75</i>		
<i>20m</i>	<i>#1</i>	<i>14.7</i>	<i>14.0</i>	<i>-0.1</i>	<i>14.30</i>		
	<i>#2</i>	<i>14.7</i>	<i>14.8</i>	<i>+0.05</i>	<i>14.25</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Bottom - Red.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf. Co. (Sec.)	1000.	9:11	9:11	
" " " "	30 m.	9:11	9:11	

11-5314

NOTES

Time taken at surface, 1st messenger down 9:11

13.2 85°/8

Station No. 74.658-11 Date: June 22 1916

Hour: 9:41 P. M. to 10:10 P. M.

Position: Lat. _____ Long. _____

Locality: San Francisco Bay, California

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 2

Sea: S Sky: 9-10

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>P. 100</u>	<u>15.7</u>		<u>-</u>	<u>60.97</u>		
<u>10m</u>	<u>H. 1.</u>	<u>15.7</u>	<u>14.8</u>	<u>-0.05</u>	<u>15.65</u>		
	<u>H. 2.</u>	<u>15.7</u>	<u>14.8</u>	<u>-0.05</u>	<u>15.75</u>		
<u>30m</u>	<u>H. 1.</u>	<u>14.4</u>	<u>14.4</u>	<u>-0.1</u>	<u>14.30</u>		
	<u>H. 2.</u>	<u>14.2</u>	<u>14.2</u>	<u>-0.05</u>	<u>14.25</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Stratified -
translucent

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing				
Serial Closing		0:41		
Serial Closing		0:53		
Serial Closing		0:41		
Serial Closing		0:53		

11-5314

NOTES

Handwritten notes and calculations:

1st ... 0:41

2nd ... 0:53

Pos. L. (1756) W ~~12.5~~ D 14.7 84%
13.3

Station No. *71-100* - Date: *Jan 191*

Hour: *10:10* P. M. to *10:30* P. M.

Position: Lat. _____ Long. _____

Locality: *San Benito, Mexico.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *7070W* Force, *2*

Sea: *S* Sky: *B-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>PTK 35755</i>	<i>15.65</i>			<i>(60.17)</i> <i>15.65</i>		
<i>10 m</i>	<i>#1</i>	<i>15.8</i>	<i>14.7</i>	<i>-0.05</i>	<i>15.75</i>		
	<i>#2</i>	<i>15.8</i>	<i>14.7</i>	<i>-0.05</i>	<i>15.75</i>		
	<i>#1</i>	<i>14.9</i>	<i>14.8</i>	<i>-0.1</i>	<i>14.80</i>		
	<i>#2</i>	<i>14.7</i>	<i>14.8</i>	<i>+0.05</i>	<i>14.75</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Smith - Records.

Station No. *7165-XX* Date: *June 20* 191*6*

Hour: *10* P. M. to *11:05* P. M.

Position: Lat. _____ Long. _____

Locality: *San Diego Bay, California*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *NNW* Force, *2*

Sea: *S* Sky: *03-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>PR35755</i>	<i>15.7</i>			<i>50.26</i> <i>15.7</i>		
<i>1</i>	<i>1.1</i>	<i>15.7</i>	<i>14.7</i>	<i>-0.05</i>	<i>15.65</i>		
<i>2</i>	<i>1.2</i>	<i>15.7</i>	<i>14.7</i>	<i>-0.05</i>	<i>15.65</i>		
<i>3</i>	<i>1.1</i>	<i>15.0</i>	<i>14.1</i>	<i>-0.1</i>	<i>14.90</i>		
<i>4</i>	<i>1.2</i>	<i>14.8</i>	<i>14.5</i>	<i>+0.05</i>	<i>14.85</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Strikil -

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing				
Ditto	30 m	10:40	10:55	
		10:40	11:00	

11-5314

NOTES

Haul taken at anchor,
 dredging machine.

1st messenger down 10:40

10:40 $\frac{10.4}{13.2}$ Time 87%

191

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		1.1.1.		
2000 ft. (1000 to 1500)	2000 ft.	1:30	2:14	
2000 ft. (1000 to 1500)	2000 ft.	1:30	2:14	
2000 ft. (1000 to 1500)	2000 ft.	1:30	2:14	

11-5314

NOTES

1.1.1. 1:38:00
2.2.2. 1:59:00

14.3 83%

Position at 1 pm, using to:

Long. 116-35-00 W

Lat. 28-16-30 N

191

Hour: 2:20 P. M. to 2:39 P. M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force, 2

Sea: X Sky: bc 16-

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-0314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
100 fms. 100 fms.	100	220	2139	

11—5314

NOTES

76 psychometric reading

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Apparatus	30 fms	2:10	3:04	

11-5314

NOTES

Small dredging machine.

1st messenger 2:10
2nd " 2:57

Poysh. (2⁵⁰/_{min}) W 14.7 D 16.5

Station No. *H 65-91-d*Date: *June 24* 191*6*Hour: ~~3:15~~ *4* . M. to

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction, *W. N. W.* Force, *2*Sea: *L*Sky: *b. c.*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
		<i>62.5</i>					
<i>Surf</i>	<i>W 3573</i>	<i>16.95</i>					
<i>50 m</i>	<i>#1-S.R.A</i>	<i>16.7</i>	<i>17.5</i>	<i>-0.05</i>	<i>16.65</i>		
	<i>S.R.A</i>	<i>16.5</i>	<i>16.5</i>	<i>-0.05</i>	<i>16.45</i>		
<i>100 m</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>150 m</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>100 m</i>	<i>S-V 497</i>	<i>Q: 12.8</i>	<i>16.5</i>	<i>+0.01</i>	<i>12.81</i>		
	<i>S-V 493</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>100 m</i>	<i>S-V 805</i>	<i>Q: 11.0</i>	<i>16.3</i>	<i>-0.1</i>	<i>10.90</i>		
	<i>Rtr 150</i>	<i>—</i>	<i>—</i>	<i>-0.1</i>	<i>10.80</i>		
<i>150 m</i>	<i>NZ 98760</i>	<i>Q: 50.5</i>	<i>—</i>	<i>-0.7</i>	<i>49.8</i>		
	<i>NZ 71738</i>	<i>Q: 51.0</i>	<i>—</i>	<i>-0.8</i>	<i>50.2</i>		
<i>200 m</i>	<i>S-V 496</i>	<i>15.8</i>	<i>15.8</i>	<i>-0.1</i>	<i>15.7</i>		
	<i>S-V 494</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
<i>300</i>	<i>NZ 48256</i>	<i>—</i>	<i>—</i>	<i>-0.7</i>	<i>50.1</i>	
	<i>NZ 67855</i>	<i>—</i>	<i>—</i>	<i>-0.7</i>	<i>50.1</i>	

Color of water:

Transparency:

REMARKS:

11-5314

W 1912
C. O. R. 20
Re

NETS, ETC., USED

Rm.

Description	Depth	TIME		Speed
		Down	Up	
Serial closing Apparatus	3021	3:41 3:56	4:04	

11-5314

NOTES

1st *Thomomys talpae* 3:41 2nd
2nd *Thomomys talpae* 3:56 3rd

IV *Thomomys talpae* 3:56 78%

Position at 5⁰⁰ pm!

Long. 116-30-00 W

Lat. 28-10-00 N

Drift, from 1⁰⁰ to 5⁰⁰ pm, as above

100.0
30

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
trial closing apparatus	21.40 30-			
Surface Trawl Net, same as				

11-5314

NOTES

1st messenger down - 8:32 am
22 " " " - 8:47 "

No psychrometer reading

Recording Watch about 5 min fast

Position, lying to, at 8⁰⁰ am!

Long. 116-33-00 W

Lat. 29-41-00 N

Chart 1006

Station No. *#15927* Date: *July 25* 191*1*

Hour: *8:55* A. M. to *9:11* A. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *NNW* Force, *2*

Sea: *m* Sky: *3-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Pfr 35755</i>	<i>(59.8) 15.45</i>					
<i>1</i>		<i>14.1</i>	<i>15.5</i>	<i>-0.05</i>	<i>14.05</i>		
<i>2</i>		<i>14.1</i>	<i>15.3</i>	<i>-0.05</i>	<i>14.05</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

Station No. *H. 6592 c.* Date: *June 25* 191*6*

Hour: 9:15 A. M. to 9:30:30 A. M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, *77NW* Force, *2*

Sea: *M* Sky: *12-15*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
		(59.9)					
Surf.	Pt 35755	15.50					
10 m	R 1.	15.5	15.8	-0.05	15.45		
	R 2.	15.5	15.5	-0.05	15.45		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

Station No. 7172

Date:

191

Hour: 9:30 A. M. to 9:51:30 A. M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, NNNW Force,

Sea: 012 Sky: 03-10

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Pfr 35755	15.2					
10 m	21	15.5	15.8	-0.05	15.45		
		15.5	15.7	-0.05	15.45		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing App.	10 m.	9:36		

11-5314

NOTES

1st massing down 9:36 am

10 21 11-71 16.4 20.1 11.1

11-71 14.1 15.1 87%

Station No. *#. 6892e* Date: *June 25* 191*6*

Hour: *10:11* A. M. to *10:39* A. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *107/117* Force, *2*

Sea: *on* Sky: *3-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>S-</i>	<i>PT 35755</i>	<i>15.6</i>					
<i>30m</i>	<i>SCA 21</i>	<i>14.5</i>	<i>16.8</i>	<i>-0.1</i>	<i>14.40</i>		
	<i>22</i>	<i>15.8</i>	<i>16.2</i>	<i>-0.05</i>	<i>15.75</i>		
<i>50m</i>	<i>S-V 805</i>	<i>15.2</i>	<i>15.2</i>	<i>-0.05</i>	<i>12.35</i>		<i>ER</i>
	<i>RTR 150</i>	<i>14.4</i>	<i>15.2</i>	<i>+0.05</i>	<i>12.45</i>		
<i>75m</i>	<i>N-Z 98760</i>	<i>56.0</i>		<i>-0.5</i>	<i>55.5</i>		<i>2</i>
	<i>N-Z 71738</i>	<i>57.0</i>	<i>56.0</i>	<i>-0.7</i>	<i>56.3</i>		
	<i>S-V 496</i>			<i>+0.05</i>	<i>11.2</i>		
	<i>S-V 494</i>	<i>11.25</i>	<i>10.2</i>				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

11-5314

Franki

Station No. 11192

Date:

191

Hour: 10:45 A. M. to 11:12 A. M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, N. N. W. Force, 3

Sea: E Sky: 03-10

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
		158.4					
Surf.	Pfr 35755	14.65					
30 m	R. 1.	14.0	16.0	-0.1	13.90		
	S-V 491	R. 2.0	11.0	-0.05	7.95		EK
	S-V 494	L. 8.05	11.5				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Station No. *H. 6592g.* Date: *June 25* 191*6*

Hour: 11:29 A. M. to 11:38 A. M.

Position: Lat. _____ Long. _____

Locality:

TEMPERATURES						
Depth	Thermometer -- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample Bottle used
Surf.	Pfr 35755	(60.3)				
2.		15.5	16.2	-0.05	15.45	
		15.5	16.2	-0.05	15.45	
150 m	S-V 494	12.4	13.5	-0.3	12.4	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
					10	

Color of water: Transparency:

Front -

Station No.

75 592

Date:

1914

Hour:

11:43

A. M. to

12:49

P. M.

11:58 A

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	Pt. 35755	15.8			15.8		
10m							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

(U.S. Navy) 12-10
Record

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial C6 App.	10m		5:11. Am 12:49 11:58	

11-5314

NOTES

Psych. (11 ⁵⁵/_{pm}) W 15.0 D 16.1 90°
 15.1

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
<i>Serial Coring</i> <i>Apparatus</i> <i>#000 mesh</i> <i>surface net</i> <i>#000 mesh</i>	3076	14:54	1:09:30	

11-5314

NOTES

Small shrimp caught
1st messenger down at 1:05 PM
2nd messenger down at 1:09 PM.

Depth 12 H-2 D166 85%
15.1

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Serial diving apparatus... # 000 mesh surface net # 000 mesh</i>	30 m.	1114	1130	

11-5314

NOTES

*Serial diving apparatus
1st net down at 1114
2nd " " " 1129 P.M.*

*Depth 150 W 1117 D 1113
15.0*

Date: *June 25* 191*6*

Hour: 11:35 P. M. to . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, *N.N.W.* Force, *2*

Sea: 1 Sky: 1

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

C. E. R. Long

Recorder.

NETS, ETC., USED.

P.L.L.

Description	Depth	TIME		Speed
		Down	Up	
Special towing Apparatus 100 ft surface net # 100 mesh	10 M.	1:35	1:50	

11-5114

NOTES

1st towing done at 1:35

2nd towing done at 1:50

11:57 14.7 D 16.1

Date: 12/26/1914

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, *7.00* Force, *1.00*Sea: *bc* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur.	Pfr 35755	(60.3) 15.7°					
10 M.	#1	15.20°	16.7	-0.1	15.10		
	#2	15.20°	16.5	-0.05	15.15		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

A. B. Long,
Recorder.

NETS, ETC., USED.

11-5314

Description	Depth	TIME		Speed
		Down	Up	
Serial dredging Apparatus, # 100 mesh 11 ft. net 100 mesh	10 M.	1:55	2:11	

11-5314

NOTES

Serial dredging apparatus

1st Messenger down at 1:55 M.
 2nd Messenger down at 2:11 M.

Depth 10 M. 11 ft. net D 165
 14.9

Station No. *H 6492 m* Date: *()* 191*1*

Hour: 2:15 P. M. to 2:31 P. M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, 71.71.05 Force, 2

Sea: 2 Sky: 102

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ph-35255	16.5					
10		15.7					
20		15.2		-0.05	15.15		
30		13.7	15.5	-0.1	13.6		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

W. B. King.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1. 100 fms. Trawling 2. 100 fms. Trawling 3. 100 fms. Trawling 4. 100 fms. Trawling 5. 100 fms. Trawling	100 fms.	2:15	2:10	

11-5314

NOTES

1. 100 fms. Trawling

2. 100 fms. Trawling

3. 100 fms. Trawling

Station No. 6592-10

Date: *June 25* 191*6*

Hour: 2136 P. M. to 2152 P. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction, 7.7.00. Force, 2

Sea:

Sky: bc 9

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. 116:72 0-

Date:

191

Hour: 3:01 P.M. to 3:17 P.M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, N. N. W. Force, 2-3

Sea: 2 Sky: bc

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *A 6592-7*

Date: _____ 1916

Hour: 3:21 P. M. to 3:37 P. M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *N. N. W.* Force, *2-*

Sea: *bc* Sky: *bc 9*

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

A. E. McLaughlin
Recorder

Date: Aug 25 1917

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, *N. N. W.* Force, *2*

Sea: 2 Sky: 2

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

R.V.

Description	Depth	TIME		Speed
		Down	Up	
Serial Closing apparatus, 7' 000 mesh.	30 M.	3:41	3:57	
Surface net 2000 mesh.				

11-5314

NOTES

Small dredging Machine

[Faint handwritten notes]

[Faint handwritten notes]
14.5

Apparatus and net checked to New - F.P.D.

Station No. *H 6584* Date: *June 24* 191*6*

Hour: 6:00 A. M. to . M.

Position: Lat. $28^{\circ}-17'-00''$ Long. $115^{\circ}-35'-15''$

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

chart 1193

W *Psychrometry*
~~12.7~~ D. 14.0 89%
 13.0

Station No. H 6585

Date: June 24, 1916

Hour: 7:00 A. M. to . M.

Position: Lat. $28^{\circ}-16'-25''$ Long. $115^{\circ}-41'-16''$

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf. PTR	33,55	15.80				X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6586*

Date: June 24 1911

Hour: 8:00 A. M. to . M.

Position: Lat. $28^{\circ}-16'-20''$ Long. $115^{\circ}-49'-08''$

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

chart 1193

Psychrometric
W. ~~13.5~~
13.6

D. 14.7

89%

Station No. *H 6588*

Date: *June 24* 1916 191

Hour: 10:00 A. M. to . M.

Position: Lat. $28^{\circ}-15-45''$ Long. $116^{\circ}-04-16''$

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	PTR 35755	15.70				X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer
W 13.5 D 15.2 84%
13.6

Chart 1193

Station No. H 6590

Date: June 24, 1916

191

Hour: 12:00 noon . M. to . M.

Position: Lat. $28^{\circ}-15'-00''$ Long. $116^{\circ}-15'-35''$

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	P+R 35755	15.95				X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer
 W. ~~72.9~~ 14.0 D. 15.4 86%

Chart 1006
 North end Ceres Isl. bears
 N 82° 50' E dist. 55.75 mi

Station No.

Date: _____ 191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

[illegible]

11-5314

NOTES

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11--5314

NOTES

Station No. _____ Date: _____ 191

Hour: _____ . M. to _____ . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

[illegible]

11—5314

NOTES